CLAIMS

What is claimed is:

1.   A method for administering devices, the method comprising:

creating, in a first domain, a domain state object; and

5   transmitting the domain state object from the first domain to a second domain.

2.   The method of claim 1 wherein creating, in a first domain, a domain state object comprises:

creating a current device state object; and

5   associating the current device state object with the domain state object.

3.   The method of claim 2 wherein creating a current device state object comprises:

identifying a device in the first domain;

5   getting a current value of an attribute of the device; and

storing the value in the current device state object.

4.   The method of claim 1 wherein creating, in a first domain, a domain state

object comprises associating a user metric vector with the domain state object.

5.   The method of claim 1 wherein creating, in a first domain, a domain state object comprises associating a user metric space with the domain state object.

6.   The method of claim 1 wherein transmitting the domain state object from the first domain to a second domain comprises downloading the domain state object to a mobile sensor.

7.   The method of claim 1 wherein transmitting the domain state object from the first domain to a second domain comprises downloading an address of the domain state object to a mobile sensor.

8.   A system for administering devices, the system comprising:

      means for creating, in a first domain, a domain state object; and

5   means for transmitting the domain state object from the first domain to a second domain.

9.   The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises:

      means for creating a current device state object; and

5   means for associating the current device state object with the domain state object.

10.   The system of claim 9 wherein means for creating a current device state object comprises:

      means for identifying a device in the first domain;

5   means for getting a current value of an attribute of the device; and

      means for storing the value in the current device state object.

11.   The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises means for associating a user metric vector with the domain state object.

12.   The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises means for associating a user metric space with the domain state object.

13.   The system of claim 8 wherein means for transmitting the domain state object from the first domain to a second domain comprises means for downloading the domain state object to a mobile sensor.

14.   The system of claim 8 wherein means for transmitting the domain state object from the first domain to a second domain comprises means for downloading an address of the domain state object to a mobile sensor.

15.   A computer program product for administering devices, the computer program
        product comprising:

        a recording medium;

5

        means, recorded on the recording medium, for creating, in a first domain, a
        domain state object; and

        means, recorded on the recording medium, for transmitting the domain state
10   object from the first domain to a second domain.

16.   The computer program product of claim 15 wherein means, recorded on the
        recording medium, for creating, in a first domain, a domain state object
        comprises:

5   means, recorded on the recording medium, for creating a current device state
        object; and

        means, recorded on the recording medium, for associating the current device
        state object with the domain state object.

10

17.   The computer program product of claim 16 wherein means, recorded on the
        recording medium, for creating a current device state object comprises:

        means, recorded on the recording medium, for identifying a device in the first
5   domain;

means, recorded on the recording medium, for getting a current value of an attribute of the device; and

10   means, recorded on the recording medium, for storing the value in the current device state object.

18.   The computer program product of claim 15 wherein means, recorded on the recording medium, for creating, in a first domain, a domain state object comprises means, recorded on the recording medium, for associating a user metric vector with the domain state object.

5

19.   The computer program product of claim 15 wherein means, recorded on the recording medium, for creating, in a first domain, a domain state object comprises means, recorded on the recording medium, for associating a user metric space with the domain state object.

5

20.   The computer program product of claim 15 wherein means, recorded on the recording medium, for transmitting the domain state object from the first domain to a second domain comprises means, recorded on the recording medium, for downloading the domain state object to a mobile sensor.

5

21.   The computer program product of claim 15 wherein means, recorded on the recording medium, for transmitting the domain state object from the first domain to a second domain comprises means, recorded on the recording medium, for downloading an address of the domain state object to a mobile

5   sensor.